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Sintering Temperature of Iron-Ores, by  
O. Steinhauer, K. Zehn.

GERMAN, per, Stahl und Eisen, Vol LXXXI, No 2,  
1961, pp 38-95.

HB 5063

Sci - Chem

Jun 61

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The Effect of Return Sinter During Down-Draft  
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BISI 2090

Sci - Min/Met

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Methods of Influencing the Oxygen Content of  
Soft Open-Hearth Steels During Refining, II, by  
W. Hess.

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BISI 2094

Sci - Min/Met

Jun 61

154,547

Increasing the Output of an Experimental Blast Furnace by Incorporating Oxygen and Carbon Monoxide Into Blast, by K. Spolders. W. Wenzel.

GERMAN, per, Stahl und Eisen, Vol LXXXI, No 3,  
1961, pp 149-154.

HB 5121

Sci - Engr; Chem

160, 774

Jul 61

Reactions in Rotary Steelmaking Vessels With Oxygen  
Top Blowing, Part I, by P. E. Hardt, G. Vocke,  
H. Schenck.

GERMAN, per, Stahl und Eisen, Vol LXXXI, No 3,  
1961, pp 155-163.

HB 5088

164, 312

Sci - Min/Metals

Aug 61

On the Metallurgy of the "Phoenix Lancing"  
Process, by E. Schurmann, K. K. Aschendorff,  
H. Hofges, E. Kohler.

GERMAN, per, Stahl und Eisen, Vol LXXXI, No 3,  
1961, pp 163-172.

FB 5089

Sci - Min/Metals

164, 311

Aug 61

Absorption and Elimination of Gases in the  
Pouring of Heavy Forging Ingots, by E. Schurmann,  
M. Hater, A. Fricks.

GERMAN, per, Stahl und Eisen, Vol LXXXI, No 3, 1961,  
pp 172-183.

HB 5045

Sci - Chem

Aug 61

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Investigation of Roll Wear With Particular  
Consideration of Drag Rolling in Finish Rolling  
Hot Strip, by H. Altmeyer, et al.

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BISI 2195

Sci - Engr

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Jul 61

Modern Coking Technology, by K. G. Beck.

GERMAN, per, Stahl und Eisen, Vol LXXXI,  
Feb 1961, pp 195-199.

BISI 2436

Sci - Engr

195, 865

Dec 61.

Results of American Investigations of Rails, by  
W. Heller.  
GERMAN, per, Stahl Eisen, Vol 81, No 3, 1961,  
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BISI 9913

Oct 72

THE EFFECTS OF NOISE ON WORKERS IN THE IRON  
AND STEEL INDUSTRY, BY G. JANSEN.

GERMAN, PER STAHL UND EISEN, VOL LXXXI,  
16 FEB 1961, PP 217-220.

BISI 2323

SCI - ENGR

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NOV 61

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The Importance of Noise Measurement for the  
Effective Abatement of Noise Nuisance in the  
Iron and Steel Industry, by G. Schulz.

GERMAN, per, Stahl und Eisen, Vol LXXXI,  
16 Feb 1961, pp 220-228.

BISI 2109

Sci - Engr

Jun 61

154, 021

Control of Sinter Plant Operation, by B. Woilandt,  
N. Petrusch.

GERMAN, per, Stahl und Eisen, Vol LXXXI, 16 Feb  
1961, pp 235-238.

BISI 2112

EEur - ~~EEur~~ Germany  
Econ  
Jun 61

156, D 44

Non-equilibria in Adjustment of Concentrations  
of Metal and Slag in the Basic Converter, by  
T. Kooitz, H. J. Ueberhorst.

GERMAN, per, Stahl und Eisen, Vol LXXXI, 16 Feb  
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BISI 2151

Sci - Engr

161, 056

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<p>Herdieckerhoff, W. DESCALING OF STEEL BY VACUUM ANNEALING WITHOUT ADDITION OF REDUCING AGENTS, AND THE APPLICATION OF THIS PROCESS TO DESCAL- ING AND BRIGHT ANNEALING OF Cr-Ni STEEL. [1961] [10]p. (5 figs. [refs.] omitted). Order from SLA \$1.10</p> <p>Trans. of Stahl und Eisen (West Germany) 1961, v. 81 [no. 4] p. 247-251.</p> <p>61-16097</p> <p>DESCRIPTORS: *Steel, *Scale, Countermeasures.</p> <p>(Metallurgy--Corrosion, TT, v. 6, no. 3)</p>	<p>61-16097</p> <p>1. Title: Vacuum annealing 1. Herdieckerhoff, W.</p> <p>175234</p> <p>Office of Technical Services</p>
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The Output of Blooming Mill Trains and Their Characteristics, by P. Stoker.

GERMAN, per, Stahl und Eisen, Vol LXXXI,  
2 Mar 1961, pp 284-294.

RISI 2132

WEur - Germany

Econ

Mar 62

List 119

186, 955

Production of Lime-Containing Sinter and Its  
Smelting, With Special Reference to Sulfur Removal  
From Sinter and Pig Iron, by B. Weilandt, F. Kruse.

GERMAN, per, Stahl und Eisen, Vol LXXXI, No 5,  
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HB 5110

164, 327

Sci - Min/Metals

Aug 61

Testing Sinter Strength, by A. Send, B. Weilandt.

GERMAN, per, ~~Stahl und Eisen~~, Vol LXXXI, 2 Mar  
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BISI 2130

Sci - Engr

Jul 61

161, a5-9

Reactions in Rotary Steelmaking Vessels With Oxygen  
Top Blowing, by F. E. Hardt, G. Vocke, H. Schenck.  
(Part II)

GERMAN, per, Stahl und Eisen, Vol IXXXI, No 5, 1961,  
pp 311-320.

HB 5109

Sci - Engr

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Sep 61

Resistance Butt Welding of Steel Wire of High Carbon Content, by J. Bockenhoff.  
GERMAN, per, Stahl und Eisen, Vol LXXXI, Mar 1961,  
pp 337-349.  
BISI 3468

Sci - M/M  
Apr 64

253,292

Effect of Gauge Length and Pickling Treatment in the Torsion Test on Steel Wire,  
by F. Blielob and H. Born,  
GERMAN, per. Stahl Eisen, Vol 81, No 6,  
1961, pp 356-360.  
BISI 8674

Sci/Mat  
Jan 71

Exchange Between Furnace Atmosphere and Annealed  
Material During Works Annealing of Cold Worked  
Material in Strip Controlled Atmosphere, by T. Schmidt, J.  
Wunning.

GERMAN, per, Stahl und Eisen, Vol LXXXI, 16 Mar  
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BISI 2192  
SLA 63-141881  
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Sci - Phys

Jul 61

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and Steel Works, by H. H. Plugge.

GERMAN, per, Stahl und Eisen, Vol LXXXI,  
30 Mar 1961, pp 408-421.

BIBI 2326

Sci - Min/Metals

168, 453

Sep 61

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Development of a General Time Balance for  
Metallurgical Plants, by W. H. Mietz.

GERMAN, per, Stahl und Eisen, Vol. LXIXI,  
30 Mar 1961, pp 422-431.

BJSI 2322

WEur - Germany

180, 7/2

Econ

Jan 62

Rapid Hot Method for Determination of Aluminum in  
Steel Without Separation of the Iron, by H. H. Dole,  
*S&HS*,  
GRIFFIN, part, Stahl und Eisen, Vol. 105(1), No. 7,  
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EB 5189

Sci - Min/Met

Jul 61

159, 611

Use of Bituminous Coals and Hot Blast in the Strand  
Sintering of Minette Iron Ores, by K. Heyden.

GERMAN, per, Stahl und Eisen, Vol LXXXI, No 8,  
1961, pp 498-501.

MB 5172

170, 135

Sci

Sep 61

Separate Ship-Discharging and Barge-Loading in  
Sea Ports, by S. Strikwerda.

GERMAN, per, Stahl und Eisen, Vol LXXXI,  
27 Apr 1961, pp 529-537.

BISI 2294

WEur - Germany

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Econ

Oct 61

Automatic Weighing Equipment for Charging Wagons and  
Coke Feed in Blast Furnace Operation, by A. Georg.  
GERMAN, per, Stahl Eisen, Vol 81, 27 Apr, 1961,  
pp 544-548.  
BISI 5050

313, 314

Sci - Materials  
Nov 66

Study of Reducibility of Sinter, by J. Willems,  
G. Quade.

GERMAN, per, Stahl und Eisen, Vol LXXXI, No 9,  
1961, pp 552-558.

HB 5157

Sci

Aug 61

163,167

Operating Data on the Briquetting of  
[Blast-Furnace] Flue Dust, by W. Wolf,  
H. Wysocki.

GERMAN, per, Stahl und Eisen, Vol LXXXI,  
1961, No 9, pp 559-561.

HB 5158

Sci - Engr  
Oct 61

Fundamentals of the Treatment of the Brown  
Fumes From the Basic Oxygen Process, Part I,  
by H. Hoff.

GERMAN, per, Stahl und Eisen: Vol. LXXXI, No 9,  
1961, pp # 562-566.

ME 5159

Sci - Chem  
Oct 61

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Brown Fumes From the Basic Oxygen  
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GERMAN, per, Stahl und Eisen, Vol LXXXI,  
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MB 5276

Sci - Chem  
Dec 61

174, 999

A New Light Section Rolling Mill for Special Steel;  
by G. Bersa.

GERMAN, per, Stahl und Eisen, Vol LXXXI,  
27 Apr 1961, pp 572-578.

BISI 2261

Sci - Engr

173, 185

Nov 61

Evaluation of the Results of Electrical  
Measurements on a Geared Blooming-Slabbing Mill  
With Current Converter Feed and Field Reversal  
Control, by W. Nurnberg, Part I, II.

GERMAN, per, Stahl und Eisen, Vol LXXXI,  
27 Apr 1961, pp 579-589, 661-669.

BISI 2253

Sci - Electron

111, 420

Oct 61

Inter-Relation Between the Carbon Content of Steel  
Sheets, the Enamel and the Firing Temperature  
During the Process of Vitreous Enamelling, by  
D. Horstmann.

GERMAN, per, Stahl und Eisen, Vol LXXXI,  
11 May 1961, pp 629-640.

BISI 2306

Sci - Chem

171, 427

Oct 61

Phase Separation of Slags During the Normal  
Conduct of a Basic Converter Steel Melt, by  
H. von Ende, G. Mahn.

GERMAN, per, Stahl und Eisen, Vol LXXXI,  
11 May 1961, pp 641-645.

BIBI 2799

Sci - Min/Metals, Chem

204, 7/11

Jul 62

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Applikation of the Static Torsion Test for  
Determining the Toughness of Very Hard Steels. II,  
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GEPRÄGE, ver., Stahl und Eisen, Vol LXXXI,  
11 May 1961, pp 670-675.

BISI 2718

Sci - m/m

504, 66.2

Jul 62

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Toughness Studies on High-Speed Tool Steels,  
by S. Wilmes.

GERMAN, per, Stahl und Eisen, Vol LXII,  
11 May 1961, pp 676-684.

BIBI 2591

Sci - Engr

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May 62

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Furnaces, by H. Kosmider, et al.

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ME 5221

Sci - Engr

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Sep 61

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of Sintered Iron-Aluminum-Molybdenum Powder  
Alloys, by F. Benesovsky.

GERMAN, per, Stahl und Eisen, Vol. LXXXI,  
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HB 5205

Sci - Min/Met  
Dec 61

175, 021

Investigation of Furnace Chamber Pressure in  
Continuous Pusher-Type Furnaces and Comparison  
With Tests on Models, by W. Keller.

GERMAN, per, Stahl und Eisen, Vol LXVI,  
25 May 1951, pp 720-724.

SIST 2417

Sci - Eng

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Dec 61

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Passes or Guides, and Trial Rolling, by  
H. Weisenfeld, et al.

GERMAN, per, Stahl und Eisen, Vol IXXXI, 25 May 1961,  
pp 725-728.

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RIBI 2331

Sci - Engr

Sep 61

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The Reducibility of Longy UFG, by  
O. Oelset.  
GEPRIHL, per, Stahl und Eisen, Vol 81,  
25 May 1961, pp 737-738.  
NISI 4047

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May 65

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Study of the Transformation Behavior, the Notch  
Impact Strength and the Tendency to Inter-  
crystalline Corrosion of Iron-Chromium Alloys  
with Chromium Contents of Up to 30%, by  
E. Baerlecken, et al.  
GERMAN, par, Stahl Eisen, Vol 81, No 12, 1961,  
pp 768-778.  
BISI 8323

Sci-Mat  
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Experiences in Treating the Surface of Semi-Finished Products of Alloy Steels by Flame Gouging and Grinding, by H. Geipel.  
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Preliminary Smelting Trials of Iron-Ore Pellets  
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GERMAN, per, Stahl und Eisen, Vol. IXXXI, No 12,  
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MB 5193

170, 117

Sci - Engr

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BISI 2362

Sci - Min/Metals

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Dec 61

DETERMINATION OF THE OXYGEN CONTENT OF  
ALUMINIUM KILLED STEELS, BY W. KOCH,  
K. ABRESCH.

GERMAN, PER, STAHL UND EISEN, VOL LXXXI,  
8 JUN 1961, PP 795-800.

BISI 2333

SCI - MIN/METALS

NOV 61

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Steel Production at the South African Iron and  
Steel Industrial Corporation Ltd (Isco), by  
F. P. Delfos.

GERMAN, per, Stahl und Eisen, Vol LXXI,  
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BIBI 2468

ME/A - South Africa  
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list 117

On the Arrangement of Finishing Trains in Multi-  
Stand Rod Mills, by J. P. de Vos.

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22 Jun 1961, pp 870-880.

BISI 2452

Sci - Engr

180, 708

Jan 62

Inspection of Steel Ingots and Slabs for  
Wide Strip by the Ultrasonic Pulse-Echo  
Method, by C. Strassburger.

GERMAN, per, Stahl und Eisen, Vol LXXXI,  
No 13, 1961, pp 885-893.

HB 5207

Sci - Min/Met  
Oct 61

171, 872

Rolling Experiments on a Three-Stand Tandem  
Cold-Rolling Train, by P. Punk, W. Lueg.

GERMAN, per, Stahl und Eisen, Vol LXXXI, 6 Jul 1961,  
pp 909-920.

RISI 2364

Sci - Engr

Mar 62

186, 957

list 119

Effect of the Friction Mates on the Contact Between  
Solid Bodies During Cold-Forming Operations, by  
H. Wiegand, et al.

GERMAN, per, Stahl und Eisen, Vol LXXXI,  
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BIBI 2363

Sci - Engr

182, 638

Feb 62

list 117

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Tandem Cold Rolling Mill, by P. Funke, W. Lueg.

GERMAN, per, Stahl und Eisen, Vol LXXXI, 6 Jul 1961,  
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\*BISI 2364

Sci - Engr

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Budgetary Control and Standard Cost Accounting  
in Iron and Steel Works. Experiences with  
Budgetary Control at Koninklijke Nederlandsche  
Hoogovens en Staalfabrieken, by H. V. IJmuiden.  
Part I. Budgetary Control Seen From the Top  
Management Point of View, by J. F. Doesschate.  
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the Blast Furnace Plant as an Example, by  
G. van Wieringen. Part III. Budgetary Control  
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Sci .. Engr  
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BISI 2381

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Management, by R. M. Gavelo. II. Comments on  
Standard Costing at Cornigliano S.p.A., by  
J. Rauen.

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28 Jul 1961, pp 987-990.

BISI 2382 171, 401

Sci - Engr  
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Temperature, by Heinrich Echterhoff.  
GERMAN, per, Stahl und Eisen, Vol LXXXI,  
No 15, 1961, pp 992-1000.  
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Sci - Mat/Met  
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Dust Removal From Electric Arc Furnaces, by  
A. Hohenberger.

GERMAN, per, Stahl und Eisen, Vol LXXXI,  
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Sci - Engr  
May 62

196, 321

Practical Experience Gained With the Hydraulic  
Transport of Granulated Blast Furnace Slag  
and Other Solids in Iron and Steel Works, by  
W. Altpeter.

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20 Jul 1961, pp 1006-1014.

BISI 2401

Sci - Engr

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Jan 62

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by H. Matthesen.

GERMAN, per, Stahl und Eisen, Vol IXXXI,  
20 Jul 1961, pp 1017-1021.

BEST 2446

Sci - Engr

175, 866

Dec 61

Blast Furnace Smelting Trials Using Lime  
Coke, by P. Buttemann, R. Mintrop.

GERMAN, per, Stahl und Eisen, Vol. LXXXI,  
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HB 5239

Sci - Min/Met  
May 62

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the Effect of Companion Elements on Strength of  
Steel, by P. Greenway.

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BISI 2424

Sci - Chem

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Dec 61

Increase in the Productivity of Open-Hearth  
Furnaces Through Aerodynamic Investigations, by  
H. J. Darmann, A. Eich, H. Meller.

GERMAN, per, Stahl und Eisen, Vol LXXXI,  
8<sup>th</sup> 3 Aug 1961, pp 1057-1062.

BIBI 2636

Sci - Engr

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Sep 62

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GERMAN, per, Stahl und Eisen, Vol LXXXI,  
3 Aug 1961, pp 1063-1069.

BISI 2637

Wur - Germany

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204, 777

Jul 62

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Bloomery Hearths Found in Settlements of Roman Age in the Ahrweller Forest, Report of Excavations Made During 1959-60, by J. W. Gilles.

GERMAN, per, Stahl und Eisen, Vol. LXXXI,  
3 Aug 1961, pp 1069-1072.

BISI 2638

Sci - Engr

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Sep 62

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STEEL REQUIREMENTS OF THE UNDER-DEVELOPED COUNTRIES, BY C. SUENDORF.

GERMAN, PER, STAHL UND EISEN, VOL LXXXI, 3 AUG 1961, PP 1093-1094.

BISI 2425

WEUR - ECON

ECON

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GERMAN, per, Stahl und Eisen, Vol LXVII, No 17,  
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BIBI 2641

Sci - Engr

Aug 62

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(Rapid Refining), by H. Kosmider, et al.

GERMAN, per, Stahl und Eisen, Vol. LXXXI,  
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HB 5190

Sci - Engr  
Dec 61

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Continuous Ultrasonic Testing of Sateel  
Plate in Production, by W. Dick, P.  
Holler, E. Lachky.

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No 17, 1961, pp 1116-1122.

HB 5256

Sci - Engr  
Feb 62

182, 765

Relation Between Production Control and Materials  
Administration Departments and Their Organization,  
by H. Friedrich.

GERMAN, per, Stahl und Eisen, Vol. LXXXI, 1961,  
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RIST 2564

WEUR - Room  
Feb 63

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The Forging Programmes of a Large Integrated  
Steelworks and the Layout of the Forging Plant  
Required to Carry It Out, by K. Kupper, H. Oehler.

GERMAN, per, Stahl und Eisen, Vol LXXXI, 31 Aug 1961,  
pp 1172-1179.

BEST 2561

Sci - Engr

May 62

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196, 222

Machinability Tests on Drawn and on Drawn-Normalized Bars of Open Hearth Steel With Different Carbon and Lead Contents, by A. Schepers, E. Von Blumenstein.

GERMAN, per, Stahl und Eisen, Vol LXXXI,  
31 Aug 1961, pp 1180-1182.

BISI 2642

Sci - min/metals

211, 276

Sep 62

A LUBRICANT FOR HIGHEST TEMPERATURES AND  
PRESSURES AND ITS TESTING, BY A. BERTEL,  
ET AL.

GERMAN, PER, STAHL UND EISEN, VOL XXXI,  
31 AUG 1961, PP 1183-1192. pp 1187-1192  
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3 NOV 61

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The Influence of Material and Internal Stresses on  
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31 Aug 1961, pp 1192-1202.

BIBI 2453

Sci - Engr

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May 62

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Resistant Railway Rails of Natural Hardness, by  
W. Jantche, H. von Rye.

GERMAN, per, Stahl und Eisen, Vol. LXXXI,  
1<sup>st</sup> Sep 1961, pp 1253-1263.

BISI 2639

Sci Engr

204, 667

Jul 62

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Injection of Reducing Agents Into the  
Tuyeres of a Blast Furnace, by A. Decker.

GERMAN, per, Stahl und Eisen, Vol LXXXI,  
No 19, 1961, pp 1264-1270.

HB 5280

Sci - Engr  
Apr 62

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WARMING UP OF BASIC CONVERTERS AFTER RELINING AND  
AFTER BOTTOM REPLACEMENT BY THE BOTTOM-BURNER  
METHOD, BY A. LATOUR, L. HEINEN.

GERMAN, PER, STAHL UND EISEN, VOL. LXXXI, 14 SEP 1961,  
PP 1270-1274.

BISI 2640

SCI - ENGR

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207,138

Mechanical Scarfing of Semi-Finished Products for the  
Manufacture of Seamless Tubes, by E. Ritter,  
H. G. Schmitt.

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14 Sep 1961, pp 1274-1283.

BISI 2463

Sci - Engr

182, 646

Feb 62

list 117

The Mechanical Cold Scarfing of Slabs. by  
K. Tschirwitz.

GERMAN, per, Sthal und Eisen, Vol LXXXI,  
14 Sep 1961, pp 1284-1287.

BISI 2464

Sci - Engr

176, 45c

Dec 61

The Destruction of Refractories by Carbon Deposits, by A. K. Kohler.

GERMAN, per, Stahl und Eisen, Vol LXXXI,  
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RISI 2710

Sci - Min/Metals, chem

211, 203

Aug 62

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Motor Vehicle Production and the Motor Industry's  
Importance as a Consumer of Iron and Steel, by  
H. H. Hansen.

GERMAN, per, Stahl und Eisen, Vol LXXXI,  
14 Sep 1961, pp 1305-1308.

BIBI 2543

EUR - Germany  
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188,036

The Effect of Alloying Additions on the Properties of  
Hot-Dip Zinc Coatings, by W. Radeker, F. K. Peters,  
W. Fricke.

GERMAN, per, Stahl und Eisen, Vol LXXXI, 28 Sep 1961,  
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RISI 2574

Sci - Engr

189, 069

Mar 62

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Alloy Formation During Electro-Tinplating and  
Soldering Tests, by Mr W. Fichtl, V. Seul,  
M. Nocken.

GERMANY, per, Stahl und Eisen, Vol LXXI,  
28 Sep 1961, pp 1322-1329.

BISI 2484

Sci - min/metals

204, 817

Jul 62

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Ten Years of Oxygen-Steam Blowing, by H.  
Neuhans, H. Kosmider, P. E. Hardt.

GERMAN, por, Stahl und Eisen, Vol LXXXI,  
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BB 5277

Sci - Engr  
May 62

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